

DOBOSIEWICZ, Jerzy, mgr inż.

Defects of screw couplings operating under temperatures of 450°-
500°C. Energetyka Pol 15 no.2:37-42 F '61. (EEAI 10:5)
(Couplings)

DOBOSIEWICZ, Jerzy, mgr inz.; PROHASKA, Norbert

An evaluation of the superheaters and pipings of high-pressure
boilers. Energetyka Pol 15 no.10:292-295 0 '61.

DOBOSIEWICZ, Jerzy, mgr. inż.; PROHASKA, Norbert

Corrosion caused by scale of shielding tubes of high-pressure boilers.
Energetyka 16 no.4:109-114 Ap '62.

DOBOSIEWICZ, Jerzy, inż.

Techological defects of pipes designed for high-pressure steam pipelines. Energetyka Pol 16 no.12:361-363 D '62.

DOBOSIEWICZ, Jerzy, mgr inż.

Chromium-molybdenum-vanadium steels for high-pressure steam pipelines. Energetyka Pol 17 no.10:306-311 0 '63.

1. Zakłady Energetyczne Okregu Poludniowego, Katowice.

DOBOSIEWICZ, Jerzy, mgr inż.

Ultrasonic methods in periodic testing in power engineering.
Energetyka Pol 18 no.3:70-72 Mr'64

1. Zakłady Energetyczne Okregu Poludniowego, Katowice.

DOBOSIEWICZ, Jerzy, mgr inz.

Stress measurements in screws operating under temperatures of over 470°C. Energetyka Pol 18 no. 7:202-205 J1 '64.

1. Power Plants of the Southern District, Katowice.

DOBOSIEWICZ, Jerzy, mgr inż.; PROHASKA, Norbert, inż.

Material and technological defects of surface heating tubes of high-pressure boilers. Energetyka Pol 19 no.3:68-71 Mr '65.

DOBOSIEWICZ, KRYSZYNA

DAAB, Janusz; WASIK, Jozef; DOBOSIEWICZ, Krystyna

Rehabilitation of patients with spinal cord injuries; critical review of methods & results. Chir. narz. ruchu 22 no.3:359-368 1957.

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach Slaskich.
Dyrektor i kierownik naukowy. Wl. Sowinski.
(SPINAL CORD, wds. & inj.
rehabil., statist. (Pol))

WEJSFLOG, Gabriel; DOBOSIEWICZ, Krystyna

Notes on the surgical treatment of congenital dislocations
of the hip joint. Chir. narzad. ruchu ortop. pol. 28 no.1:
I-8 '63.

1. Z Kliniki Chirurgii Ortopedycznej Sl. AM w Bytomiu Kierownik:
prof. dr G. Wejsflog.

(HIP DISLOCATION, CONGENITAL)
(SURGERY, OPERATIVE)

DOBOSIEWICZOVA, K.

Rehabilitation of scoliosis after metalloplastic surgery.
Acta chir orthop traum cech 30 no. 1:69-71 F '63.

1. Klinika ortopedickej chirurgie v Bytomi, prednosta prof.
dr. med. G. Wejsflog.
(SCOLIOSIS) (REHABILITATION)

DOBOSINE KOLAI, Margit

Newer data on the temperature effect of the snow cover.
Idojaras 67 no.1:21-24 Ja-F '63.

SUSAN, B.; DOBOSIU, C.; TROIANESCU, O.; TURCANU, B.; ORFANU, N.; PANAITIU, P.

Some observations on the treatment of pseudarthrosis of the long bone.
Chir. narz. ruchu ortop. polska 27 no.2:225-233 '62.

1. Z Kliniki Ortopedycznej i Traumatologicznej Szpitala I.C.Trimu
w Bukareście.

(PSEUDARTHROSIS ther)

DOBOSSY, Laszlo, az irodalomtudomány kandidátusa, egyetemi docens

Zdenek Nejedly, 1878-1962. Magyar tud 69 no.6/7:17-422 Je-Jl
'62.

1. Eotvos Lorand Tudományegyetem, Budapest.

Dobosynski, L.

Observations on the mutual influence of grasses and bird's-foot trefoil (*Lotus corniculatus* L.) on the process of germination p. 63

(*Ekologia Polska*, Seria B. Vol. 3, no. 1, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 10, October 1957. Uncl.

15(8)

PHASE I BOOK EXPLOITATION POL/3268

Bojarski, J., Master of Engineering; J. Brzeziński, Master of Engineering; I. Dobosz, Master of Engineering; A. Dobraczyński, Master of Engineering; Z. Hertz, Master of Engineering; J. Iskra, Master of Engineering; F. Kacprzak, Master of Engineering; Z. Kowalski, Master of Engineering; W. Łaskawski, Master of Engineering; J. Łoziński, Master of Engineering; J. Pochwalski, Docent, Doctor; T. Wiecheć, Master of Engineering; T. Wiśniewski, Master of Engineering; I. Zakrzewski, Master of Engineering; W. Zieliński, Master of Engineering; and H. Zowall, Scientific Coordinator, Master in Science

Co 1 jak produkować z tworzyw sztucznych (What Can Be Produced From Plastics and How) Warsaw, Państwowe Wyd-wo Techniczne, 1959. 413 p. (Series: Tworzywa sztuczne przetwórstwo i zastosowanie) Errata slip inserted. 5,253 copies printed.

Coordinator of the Work: J. Brzeziński, Master of Engineering;
Reviewer: St. Chudzyński, Master of Engineering; Scientific Ed.
of Publishing House: St. Pietras, Master of Engineering and

Card 1/8

What Can be Produced (Cont.)

POL/3268

K. Radziwiłł, Master in Science, Tech. Ed.: A. Urbanicki.

PURPOSE: This book is intended for chemists and equipment designers in the plastics industry. It will be of interest to students of the plastics industry.

COVERAGE: This book, one of a series on the plastics industry, is divided into two parts. The first part discusses the classification of plastics, methods of production, and the most common uses of the end-products. The basic properties of individual plastics are given in tabular form along with testing methods. The second part contains a general discussion of all known methods of processing plastics, thermoplastics, and thermosetting plastics. The design, construction, and parts of processing machines are described. The techniques of dyeing, metallization, machining, and welding of plastics are also treated. A listing of terminology used in the plastics industry is included. A table includes the trade names and producers of major plastics. No references are given.

Card 2/8

DOBOSZ, J.

High capacity ferrite resonance insulator for the 10 cm. band.
Przem inst telekom prace 10 no.31:71-76 '60.

Distr: 4Ela 3 cys

0262

Dobosz J. Methods of Ensuring Optimum Properties in Resonance Ferrite Insulators.

538.23:621.396.96

„Metody uzyskania optymalnych własności ferrytowych izolatorów rezonansowych”. Przegląd Telekomunikacyjny. No. 1, 1959, pp. 11—14, 13 figs.

Attenuation characteristics of insulators are given for opposite directions of propagation, together with the curve of the ratio of these attenuations for various configurations of resonance insulators in the function of ferrite plate dimensions, their location place in the wave guide and the constant magnetizing field. It is shown that the attenuation in the passing direction increases with increasing thickness of ferrite plate. Also, the height of the plate considerably affects the magnitude of passing attenuation, which attains a particularly high value when the height of plate is equal to that of the wave guide. Optimum attenuation ratio in the passing and in the blocking direction is obtained when the height of ferrite plate is approximately $\frac{1}{2}$ of the height of wave guide. Directional properties of ferrite resonance insulators can be improved by employing, in addition to ferrites, dielectric materials which correct the circular polarization occurring in their immediate proximity and concentrating the power flowing across the wave guide, thus augmenting the interaction of the electromagnetic field and the ferrite. Suitable choice of the properties, form and dimensions of the dielectric for the given ferrite material is essential. In practice, the best results are obtained with dielectric materials of an electric permeability between 10 and 16 and dielectric losses not exceeding $5 \cdot 10^{-4}$.

2
1-CF(C)
3

POLAND/Radio Physics - Radiation of Radio Waves. Transmission. I
Lines and Antennas

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4193

Author : Dobosz, J.

Inst : -

Title : Resonant Low-Power Ferrite Insulator for the 10 cm Band

Orig Pub : Prace Przemysl. inst. telekomun., 1959, 9, No 26, 37-39

Abstract : No abstract.

Card 1/1

- 81 -

P/507/60/010/031/003/003
D271/D308

9.2571

AUTHOR: Dobosz, J.

TITLE: Ferrite high-power resonance isolator for the 10 cm band

SOURCE: Warsaw. Przemysłowy Instytut Telekomunikacji. Prace, v. 10, no. 31, 1960, 71 - 76

TEXT: The design and characteristics of a ferrite isolator are described, with particular attention to the problems associated with high levels of peak and mean power. When the SWR of the transmission line is <1.50 , 12 dB attenuation is sufficient. Non-linearity and thermal effects caused by strong magnetic field and high power are discussed. Methods of fixing ferrite plates in the waveguide were compared experimentally and teflon brackets were found preferable to neoprene adhesive. Ferrite composition used is: MgCrO_4 , with a Curie point of 200°C . Circuits are shown in which isolator losses and attenuation of reflected power were measured, in low- and high-power conditions. At low power level, isolator

Card 1/2

✓
B

Ferrite high-power resonance ...

P/507/60/010/031/003/003
D271/D308

losses were below 0.5 dB and the attenuation of the reflected power was greater than 10 dB; in the 10.4 - 11.4 cm band, SWR was better than 1.10. Graphs are produced showing attenuation, losses and SWR in function of the magnetizing current and wavelength, and the resonance value of the magnetizing current in function of wavelength. There are 10 figures. ✓ B

Card 2/2

DOBOSZ, Janusz; MANDYBUR, Tadeusz; SZEWCZYKOWSKI, Jerzy

A case of co-existing tabes dorsalis and meningioma of the posterior cranial fossa. Neurologia etc. polska 11 no.2:273-275
Mr-Apr '61.

1. Z Oddziału Neurologicznego Państwowego Szpitala dla Psychicznie i Nerwowo Chorych w Pruszkowie Wsch. Ordynator: dr med. B. Stepień
Dyrektor Szpitala: dr med. F. Kaczanowski i z Pracowni Histologicznej
Państwowego Instytutu Psychoneurologicznego w Twerkach Kierownik
per interim: doc. dr E. Osietowska Dyrektor Instytutu: prof. dr
Z. Kuligowski.

(TABES DORSALIS compl) (MENINGIOMA compl)
(BRAIN NEOPLASMS compl)

WALD, Ignacy; DOBOSZ, Janusz

On the problem of the syndrome of "disregarding" left half of space.
Pol. tyg. lek. 17 no. 51:1986-1989 17 D '62.

1. Z Oddziału Neurologicznego Instytutu Psychoneurologicznego; ordynator
i dyrektor: prof. T.W. Kuligowski i z Oddziału Neurologicznego: ordynator
dr med. I. Wald, Państwowego Szpitala dla Nerwowo i Psychicznie Chorych
im. prof. Jana Mazurkiewicza w Pruszkowie; dyrektor: dr med.
F. Kaczanowski.

(LATERALITY)

(ORIENTATION)

(BRAIN DISEASES)

HORYD, Wanda; DOBOSZ, Janusz

A case of Wernicke's encephalopathy. Neurol. neurochir. psychiat.
Pol. 14 no.1:71-73 Ja-F '64.

1. Z Oddziału Neurologicznego Państwowego Szpitala dla Nerwowo i
Psychicznie Chorych w Pruszkowie (Ordynator: doc. dr. med. I. Wald).

DOBOSZ, Janusz; EKIERT, Halina; BIGO, Barbara; WALD, Ignacy

Discrepancies of results in the electroencephalographic, pneumo-encephalographic and clinical examination of temporal lobe epilepsy patients. Neurol. neurochir. psychiat. Pol. 15 no.3:409-414 My-Je '65.

1. Z Oddziału Neurologicznego Państw. Szpitala dla Nerw. i Psych. Chorych (Ordynator: doc. dr. I. Wald) oraz pracowni Eeg Instytutu Psychoneurologicznego w Pruszkowie (Kierownik: dr. H. Ekiert).

KUBICKI, Roman, inz.; PERSCHKE, Jerzy, inz.; DOBOSZ, Stanislaw, inz.;
WECLAWIK, Marian, inz.; MIELNICZUK, Mieczyslaw; BRODECKI,
Boleslaw

Two-sided raw material feeding of rotational clinker burning
furnaces. Gosp paliw 11 Special issue no.(95):11 Ja '63.

1. Cementownia, Chelm.

DOBOSZ, Stanislaw

Cored electrodes and their use in the Lenin Steel Works.
Przegl spaw 16 no. 5: 121-125 My '64.

1. Lenin Steel Works, Nowa Huta.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0"

DOBOSZYNSKA J.

DOBOSHINSKAYA, Ya. [Doboszynska, J.] (~~Pol'skaya Narodnaya Respublika~~)

Socially useful work of Polish school students in connection
with the study of biology (from "Biologia w szkole," no.2, 1961).
Biol.v shkole no.6:67-69 N-D '62. (MIRA 16:2)
(Poland—Study and teaching)

DOBOSHINSKAYA, Ya. [Doboszynska, J.] (Pol'skaya Narodnaya Respublika)

New biology program in Polish general schools. Biol. v shkole no. 2:81-82
Mr-Apr '63. (MIRA 16:4)

(Poland --Biology--Study and teaching)

BOBOSZ, Zygmunt, mgr inz.; SKOWRONEK, Jerzy, mgr inz.

Forming metals by explosions. Rudy i metale 8 no. 11:415-418 N '63.

DOBOSZYNSKI, Leon; DOBOSZYNSKA, Janina

Meteorological and agricultural conditions in Skierniewice
during the 40 year period 1921-1960. Rocz nauk roln rosl
87 no.2:369-397 '63!

DOBOSZYNSKI, L.

"The fluctuation of soil humidity in Skierniewice during the vegetative period of 1951." p. 4. (Gazeta Obserwatora, Vol. 5, no. 12, December 1952. Warszawa.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February 1954, Uncl.

DOBOSZYNSKI, L.

"Applying Bouyoucos' method for the determination of moisture in soil. p. 8." (GAZETA
OBSERWATORA), Vol. 6, no. 6, June 1953, Warszawa, Poland

So: Monthly List of East European Accessions L. C. Vol. 2, No. 11, Nov. 1953, Uncl.

DOBOSZYNSKI, L.

"Early Care for Meadows and Pastures." p. 21(Plon, Vol. 5, No. 4, Apr. 1954)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June
1954, Uncl.

CONTENT : 10000
 CATEGORY : Cultivated Plants. Fodder Grasses and Root Crops. M
 ABS. JOUR. : RZhBiol., No. 2, 1959, No. 11003
 AUTHOR : Doboszynski, L.
 INST. : ~~_____~~
 TITLE : The Interaction Between the Germinating Seeds of Cereal
 Grasses and Birdsfoot Trefoil (*Lotus corniculatus* L.).
 ORIG. PUB. : Skol. polska, 1957, B3, No. 1, 63-65
 ABSTRACT : The seeds of birdsfoot trefoil were germinated in Petri
 dishes together with the following cereal grasses: *Dac-*
tylis glomerata, *Bromus inermis*, *Arrhenatherum elatius*,
Lolium perenne, *Festuca rubra* and *Phleum pratense*. The
 vigor of the germination of the cereals was lowered in
 the presence of the seeds of birdsfoot trefoil. — G. M.
 Chernov

CARD: 1/1

DOBOSZYNSKI, L.

TECHNOLOGY

PERIODICAL: GOSPODARKA WODNA. Vol. 18, no. 8, Aug. 1958

DOBOSZYNSKI, L A conference on the cultivation of meadow and pasture plants.
p. 380.

Monthly List of East European Accessions (EEA) LC Vol. 8, no. 4.

April 1959, Unclass

DOBOSZYNSKI, L., dr.

Report on the visit of the Polish delegation to the Institute for
Grass Land and Moor Research in Paulinenaue, German Democratic
Republic, in June 1961. Gosp wodna 21 no.11:513-516 N '61.

DOBOSZYNSKI, Leon; DOBOSZYNSKA, Janina

Meteorological and agricultural conditions in Skierniewice
during the 40 year period 1921-1960. Rocznik nauk rolniczych
87 no.2:369-397 '63.

BERESTNEV, V.A.; DOBOVA, L.S.; KARGIN, V.A.

Quantitative evaluation of some parameters of the super-molecular structure of viscose fibers. Khim. volok. no.4: 32-33 '63. (MIRA 16:8)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (for Berestnev, Dubova). 2. NIFKhI im. L.Ya. Karpova (for Kargin).

1. KUDASOV, G. F. : DOBOVA, M. Ya.
2. USSR (600)
4. Grinding and Polishing
7. Surface grinding to the tenth and eleventh degree finish. Stan. i instr. 23 no. 9
1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

DOBOVICH, V

V

317N/5
621.121
.D61

Gde Provesti Vykhodnoy Den' (Where to Spend Days of Rest, by) V. V.
Dobkovich (i Dr.) Leningrad, Lenizdat, 1955.
255 p. Illus., Maps.

DOBOVISEK, A.

Payment of transportation services. p. 10.

Periodical: ZELEZNICE.

Vol. 15, no. 3, Mar. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

DOBOVISEK, B.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Nuclear Phenomena

13
2
Splitting of a fast carbon nucleus on collision with a hy-
drogen nucleus in a nuclear emulsion. B. Dobovisek.
Inst. Stefan Inst. Phys., Ljubljana. Bull. Inst. Commu-
nicat. Acad. RPF Yugoslav. 1, 38-9 (1953) (in English).—In an
Ilford G5 plate (exposed at an altitude of about 30 km.)
4 slightly diverging and 1 more strongly diverging track were
interpreted as caused by the collision of a primary cosmic-ray
particle with a proton in the emulsion. The more strongly
diverging track was probably produced by the recoiling
proton and the 4 tracks by the splinters of the heavy parti-
cle. It was decided from $Z/\rho = 7.4 \pm 0.74$ (by counting
the δ -rays along the track of the incident particle), the Z
of the splinters (from measurements of grain d.), and energy
considerations that the original charge of the heavy particle
was $Z = 6$ and its splinters consisted of 2 α -particles, 2
protons, and 2 neutrons. The creation of a meson pair
 π^+ , π^- is energetically impossible. W. G. R.

9-22-54

BMX

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0"

Dobovisek B.

Distr: 4E3d

1968

COMPARISON OF THE METHODS FOR MASS DETERMINATION BASED ON THE RANGE-IONISATION MEASURE-

MENT B. Dobovisek "J. Stefan" Inst Repts (Ljubljana)

1 39-45 1968 Mar

The accuracy in mass determination has been studied measuring gap density, gap length and photoelectric density along the path of a α -particle, ending in a nuclear emulsion. It has been shown that, although the present quantities are measured with different accuracy, the error in the mass determination is about the same by all three methods, as the measured quantities are differently sensitive functions of the ionization (auth)

3

1011

1

AML

DOBOVISEK, B.

DOBOVISEK, B . Comparison of the methods for mass determination based
on the range-ionization measurement. In English. p. 39

Vol. 2, May 1955
REPORTS
SCIENCE
Ljubljana

So: East European Accession, Vol. 6, No. 3, March 1957

537.591.8 : 539.18
18890. An analysis of a K -meson star. B. Džurav-
sky. Letter in Bull. sci. Cons. Acad. Yougoslavie, 2,
No. 4, 43-4 (April, 1953).

A star associated with the capture of a negative
 K -meson has been observed in an Ilford G5 600 μ
plate at 23500m. The captured K -particle has a
mass $M_K = (830 \pm 70)m_e$, $(920 \pm 60)m_e$, $(860 \pm$
 $80)m_e$, from photoelectric, gap counting, or gap
length determination respectively. The first of the
two released particles is probably a π -meson, the
third track seems to be that of a proton.

R. W. KELLERMANN

RW

Jan

IRML

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610009-0"

DOBROVISEK, IS.

✓ Photodisintegration of carbon-12 and oxygen-16. P. I.
Dobrovisek and B. Dobrovisek (J. Stefan Inst., Ljubljana,
Yugoslavia). *Phys. Rev.* 100, 1355-7 (1953).—The distribu-
tion in energy and angle of the α -particles from ^{12}C and

^{16}O disintegrations induced by bremsstrahlung of 27- and
33-m.e.v. max. energy were detd. These measurements
yield information on the energy levels in Be^8 , C^{12} , and O^{16} .
G. M. Petty

6

IRM

RmL

Dobovisek, Begomir

400

chem Determination of dehydration temperatures by applying differential thermal analysis. Begomir Dobovisek (Met. Tech. Fac., Ljubljana, Yugoslavia). Rudarsko-Geol. Zbornik 1956, 25-31; cf. C.A. 54:7883d.—This work is based on work by Pelhan (C.A. 49, 6774). A limonite (I) of compn. SiO₂ 16.95, Fe₂O₃ 49.53, FeO 4.52, Al₂O₃ 13.02, MnO 0.11, CaO 0.27, MgO 0.43, P₂O₅ 1.90, S 0.01, As 0.03, H₂O 12.92, and CO₂ 0.08%, started to dehydrate at 170°; as the dehydration progressed 2 stages were noted which proved that this I really was a mixt. of lepidocrocite (II) and goethite (III). Various mixts. of II and III were prepd. and their dehydration curves taken, and thus it was estd. that the I under investigation consisted of 40% III and 60% II. By investigating the dehydration curves of several I of very similar compns. it can be generally stated that the 1st min. lies between 310 and 320°, and the 2nd one at 330°; if the sample contains more H₂O, these min. will be shifted to lower temps. Another I, which was really a limonitized chamosite (IV), was made to undergo this differential ther-

1/2

Boemonir Dobovisek

mal analysis in air and in N₂; the results obtained were practically the same. The decompn. started at 230°, a min. of the curve was found at 310°, and the dehydration was concluded at 400°. Between 450 and 620° a 2nd neg. deviation appeared with a min. between 525 and 550°, this was due to the limonization of the remaining IV. A similar result was received with a I, the compn. of which approached closely Fe₂O₃·1.5H₂O. Pure IV started to decomp. at 330°, the curve showed a min. at 500°, and the dehydration ended at 580°, followed by an exothermic effect from 630 to 670° and a min. at 690°, this latter min. was due to the rearrangement of the destroyed crystal structure of IV. Another naturally occurring IV showed a max. decompn. at 525°, the exothermic effect at 780°, and a start of the sintering at 950°.

Werner Jacobson

2/2

CM
R

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Refining Solid Fuel Minerals.

H-22

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58662

Author : Dobovisek Bogomir

Inst : -

Title : Investigation of Solid Fuel.

Orig Pub : Rud.-metal. zb., 1956, No 2, 107-124.

Abstract : For determining the temperature of the combustion and reaction characteristics of solid fuel (of electrode graphite, of petroleum and coal coke, of brown coal), differential thermal analysis (DTA) is used. In addition to the characteristics indicated, the reduction characteristic was determined in relation to hematite and magnetite powder. The DTA method ensures close agreement of readings with data determined by other methods.

Card 1/1

DOBOVISEK, B.

YUGOSLAVIA / Chemical Technology, Chemical Products H
and Their Application, Part 2. - Elements,
Oxides, Mineral Acids; Bases, Salts. -
Other Elements, Oxides, Mineral Acids,
Bases, Salts.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61494.

Author : Krsto Cazafura, Bogo Dobovisek.

Inst : Not given.

Title : Chemistry of Copper and Iron Sulfide Roasting.

Orig Pub: Rud.-metal. zb., 1956, No 3, 193 - 210.

Abstract: Chemical reactions taking place at the roasting of synthetic Cu sulfides and Cu and Fe sulfide ores are discussed. Differential thermal analyses and experiments showed the following: if Cu_2S and chalcocine were roasted, first CuO . CuSO_4 , CuSO_4 and CuO are forming, after that CuO and SO_2 and, in the end, CuSO_4 dissociates

Card 1/3

YUGOSLAVIA / Chemical Technology, Chemical Products and H
Their Application, Part 2. - Elements,
Oxides, Mineral Acids, Bases, Salts, -
Other Elements, Oxides, Mineral Acids,
Bases, Salts.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61494.

Abstract: into CuO and SO_2 at a high temperature. CuS and
covellite first dissociate into Cu_2S and S at
the oxidizing roasting, at which occasion S ox-
idizes immediately into SO_2 ; the following re-
actions are the same as in the case of Cu_2S .
The roasting of Pyrite proceeds very rapidly
and always with the formation of Fe_2O_3 . A com-
plete sulfation of CuS cannot be achieved, be-
cause it dissociates with the formation of Cu_2S
and SO_2 , which means a 50%-ual loss of S for
sulfation. It is necessary to add an excess of

Card 2/3

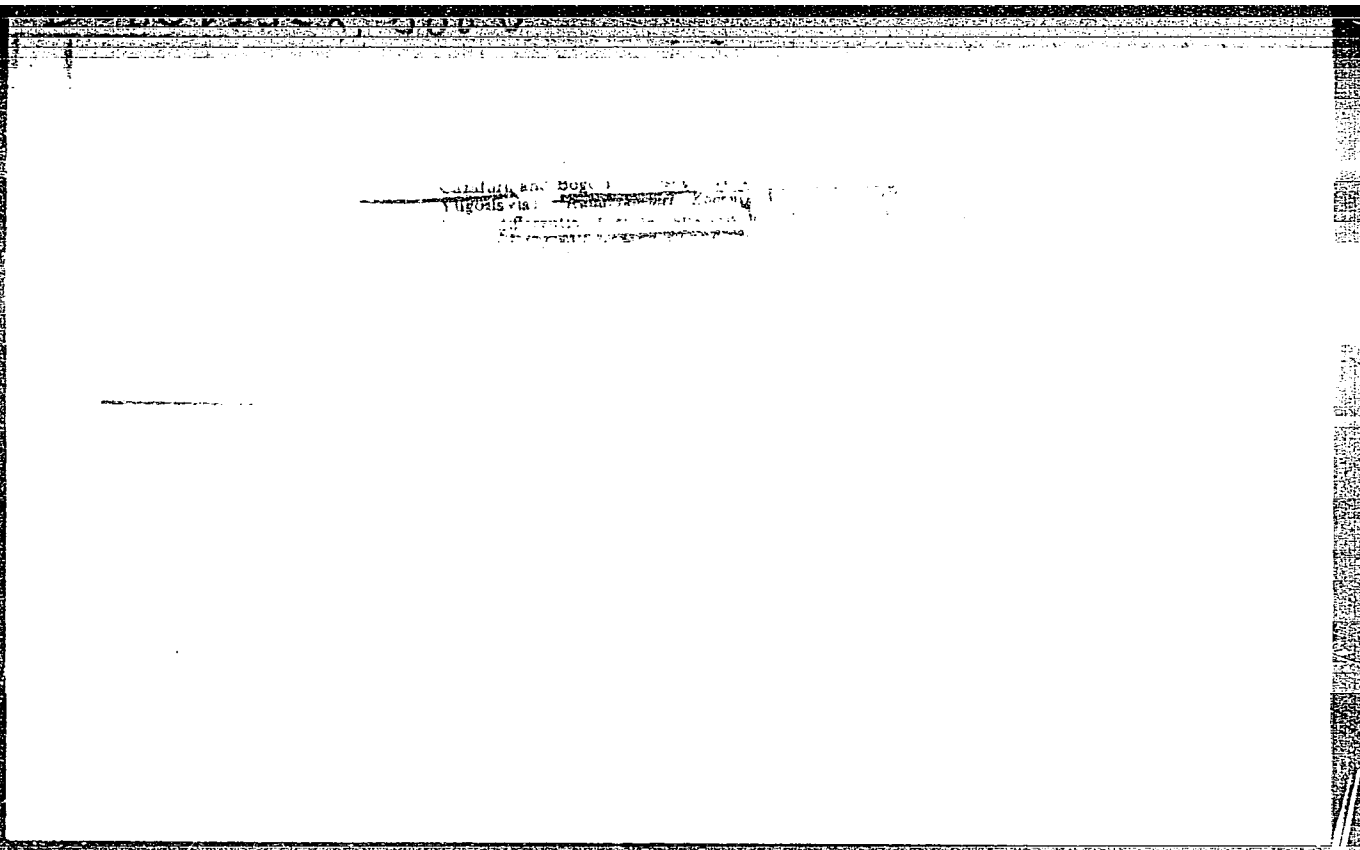
15

YUGOSLAVIA / Chemical Technology, Chemical Products H
and Their Application, Part 2. - Elements,
Oxides, Mineral Acids, Bases, Salts. -
Other Elements, Oxides, Mineral Acids,
Bases, Salts.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61494.

Abstract: S, for example, in the form of pyrite, for a
more complete sulfation, and the conditions
of roasting should be such that S would be ox-
idized into SO_3 . Bibliography with 12 titles.

Card 3/3



DCBOVISEK, B.

Applicability of differential thermic analysis to measurement of caloric effects. p. 29.

(Rudarsko-Metalurski Zbornik. No. 1. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) ^CLS, Vol. 6, no. 7, July 1957, Uncl.

YUGOSLAVIA/Physical Chemistry. Kinetics. Combustion.
Explosions. Topochemistry. Catalysis.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73317.

Author : Bogomir Dobovishek, Lojze Sever.

Inst :

Title : To the Question of Kinetics of Solid Substance
Combustion.

Orig Pub: Rud.-metal. zb., 1957, No 3, 253-258.

Abstract: The rate of the summary combustion reaction of various solid substances comprising metallurgical coke and semicoke was studied by differential measurements of the temperature. The authors find the rate of the combustion reaction by successive determination of the area between the curve representing the dependence of the difference between

Card : 1/2

YUGOSLAVIA/Physical Chemistry. Kinetics. Combustion.
Explosions. Topochemistry. Catalysis.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73317.

the temperature of a specimen and the compared substance and the zero line for various periods. It was found that the logarithm of the combustion time of solid substances was inversely proportional to the temperature. The rate constant of the combustion reaction was determined for various temperatures. Tables of the magnitudes of H and A, which are contained in the general expression of the rate constant (c) of the reaction $x\text{C} + y\text{O}_2 = m\text{CO}_2 + n\text{CO}$ ($\log c = H - A/T$, where T is the temperature), were prepared.

Card : 2/2

Dobovisek, B.

YUGOSLAVIA/Physical Chemistry - Thermodynamics.
Thermal Chemistry. Equilibrium. Physico-
chemical Analysis. Phase Transitions.

B-8

Abs Jour: Referat Zhur - Khim, No. 9, 1959, 30471

Author : Dobovisek, B.

Inst : Not given

Title : Determination of the Rate of Thermal Decomposi-
tion of Carbonates by Differential Thermal
Analysis.

Orig Puv: Rud-Metal Zbornik, 1958, No 2, 203-205

Abstract: The method of differential thermal analysis ^{DTA} has been applied to the investigation of the kinetics of the decomposition of CaCO_3 . A linear dependence of the rate of decomposition on the temperature was found.--From a summary by the author.

Card 1/1

26

DOBOVISEK, B.; SMAJIC, N.

Mechanism of sintering ferrous oxides. p. 241.

RUDARSKO-METALURSKI ZBORNIK. (Ljubljana. Univerza. Fakulteta za rudarstvo, metalurgijo in kemijsko tehnologijo. Oddelek za rudarstvo in metalurgijo) Ljubljana, Yugoslavia, No. 3, 1958.

Monthly List of East European Accessions (EEA) LC, Vol. 8, no. 6, June 1959.

Uncl.

DOBOVISEK, Bogomir, dr., ing., docent (Ljubljana)

Thermodynamic analysis of the system Pb-Cd by means of the electromotive force measurements. Rud met zbor no.3:319-330 '61.

1. Oddelek za montanistiko [Fakultete za naravoslovje in tehnologijo Univerze v Ljubljani] Askerceva 20, Ljubljana. 2. Clan Uredniskega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek).

(Metallurgical analysis) (Lead) (Cadmium)

DOBOVISEK, Bogomir, dr. ing., docent (Ljubljana); SMAJIC, Nijaz, ing. (Ljubljana)

Analysis of the influence of physical parameters of samples on the value of the constant gK_g . Rud met zbor no.2:161-174 '61.

1. Department of Mining and Metallurgy of the Faculty of Natural Sciences and Technology of the University in Ljubljana, Ljubljana, Askerceva 20; member of Editorial Committee, "Rudarsko-metalurški zbornik; Mining and Metallurgy Quarterly" (for Dobovisek)
2. Metalurški institut, Ljubljana, Lepi pot 11 (for Smajic).

DOBOVISEK, Bogomir, docent, dr. inz.; PAULIN, Andrej

Report on the caloric measurements with DTA at high temperatures. Rud met zbor no.3:229-234 '62.

1. Clan Uredniskega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek).

K. Cazafura; PAVKO, D.; SIRCA, F.; KERSNIC, Viktor, prof. dr. inz.;
KOSAK, K.; GRAFENAUER, S.; PODGORNIK, A.; KERNC, J.; DOBOVISEK,
Bogomir, docent, dr. inz.; OCEPEK, Drago, docent, dr. inz.;
HOMAN, A.; MARCEC, M.; RANKEL, J.; CRNIVEC, M.; SMAJIC, N.;
CUCEK, I.; KERSNIC, V., ml.; VODOPIVEC, F.

New books. Rud met zbor no. 2:144-187 '63.

1. Glavni urednik, "Rudarsko-metalurski zbornik" (for
Viktor Kersnic).
2. Clani Uredniskega odbora, "Rudarsko-metalurski zbornik"
(for Dobovisek and Opepek).

SIRCA, F.; DOBOVISEK, Bogomir, docent, dr. inz.; GRAFENAUER, S.; KOSOVINC, I.;
HAMRLA, B.; VODOPIVEC, F.; KUSCER, D.; KERNC, J.; DROBNE, F.;
PAVKO, D.; CAZAFURA, K.; TURK, St.; OCEPEK, Drago, docent, dr. inz.;
ROSINA, A.; ZUMER, M.; SOVINC, I.

New books. Rud met zbor 4:431-457 '63.

1. Clanovi Uredniskega odbora, "Rudarsko-metalurski zbornik"
(for Dobovisek and Ocepek).

DOBOVISEK, Begomir, dr. inž., izredni profesor; PAULIN, Andrej, dipl. inž.
metalurgije

Report on the determination of boiling diagrams with the aid of
difference thermal analysis. Rud met zbor 3:271-279 '64.

1. Department of Mining and Metallurgy, Faculty of Natural Sciences
and Technology, University of Ljubljana, Ljubljana, Askerceva 20.

DOBOVISEK, M.

Contribution to knowledge of the behavior of chrome in
basic slag. p. 517. TEHNIKA (Savaz inženjera i tehnicara
Jugoslavije) Beograd. Vol. 11, no. 4, 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

DOBOVISEK, Z.

Porous chromium plating. p. 126.

STROJNISKI VESTNIK. (Fakulteta za elektrotehniko in strojninstvo Univerze v Ljubljani, Institut za turbostroje v Ljubljani, Drustvo strojnih inzenirjev in tehnikov IR Slovenije in Strojna industrija Slovenije)
Ljubljana, Yugoslavia
Vol. 5, no. 4/5, Aug. 1959

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

DOBOVISEK, B.

"Working with the press-molding machines under normal conditions and high specific pressures" by Waldemar Gesell. Reviewed by B. Dobovisek. Rud met zbor no.1:70 '62.

DOBOVISEK, Zelimir (Sarajevo, Lenjinova 15)

Lengthening serviceableness of cutting tools and those for
plastic molding of materials by means of hard chromium plating.
Stroj vest # no.1/2:9-15 Ap '62.

PETRASEK, J.; DOBOVSKY, J.

Elimination of 3-methoxy-4-hydroxyphenylacetic acid (homovanillic acid). I. Some basic physiological data. Sborn. lek. 65 no.4:101-107 Ap '63.

1. III interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik J. Charvat.
(PHENYLACETATES) (DOPAMINE)

27
DOBOWSKI, M.

121-5
Heat-treatment of gray iron. M. Dobowski (*Practical Odium*,
951, 1, 243-247; *J. Iron Steel Inst.*, 1932, 170, 169).—The use of
heat-treatment for removing casting stresses and improving
machinability is outlined. R. H. CLARKE.

DOBOZI, Jeno (Budapest)

I report an achievement. Ujit lap 14 no.18:30 25 S '62.

DOBOZI, O.K.; LANG, L.; KHORVAT, G. [Horvat, G.]

Spectroscopic study of the mechanism of dyeing textile materials.
Zhur, prikl. khim. 34 no.1:204-208 Ja '61. (MIRA 14:1)

1. Tsentral'naya issledovatel'skaya laboratoriya koloristiki i
Kafedra fizicheskoy khimii Politehnicheskogo universiteta, Budapesht.
(Dyes and dyeing—Spectra)

HUNGARY

SUCH, G., MADARASZ, I., DOEOZY, A., and KATONA, E., of the Institute of Physiology, Medical University, Szeged [Original version not given].

"Attempt at the Statistical Recording of Human Higher Nervous Activity"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement TO Vol 22, 1963; pp 31-32.

Abstract [Authors' English summary, modified]: The dynamics of higher nervous activity has been investigated in university students under physiological conditions as well as pharmacological influences. Two tests were used, a motor conditioned reflex test with verbal reinforcement, and the ticktacktoe test. The frequency of occurrence of the different latency times and step numbers was represented in diagrams. Chlorpromazine, amphetamine, meprobamate and caffeine did not significantly change the shape of the diagrams. It was concluded that the shape of the frequency diagrams is characteristic in the individual, and that on this ground a stable and an unstable nervous activity can be distinguished depending on how well the environmental influences are compensated.

1/1

DOBOZY, E.

Stereoelectrocardiography as clinical method. Magyar. belorv. arch. 4
no.3:122-127 1951. (CML 21:1)

1. Doctor. 2. Second Internal Clinic (Director--Prof. Dr. Imre Haynal)
Budapest Medical University.

DOBOZY, Elemer, dr.

Causality, statistics and biological sciences. Orv. hetil. 102 no.19:
873-879 7 My '61.

1. Istvan-korhaz, Betegseggallapito Osztaly, Budapest.

(BIOLOGY)

HUNG.

106. The role of heterogeneous swelling in respect to certain properties of wool (in English) — M. Zilahy, O. Dobosy. (Acta Technica Academiae Scientiarum Hungaricae — Vol. 9, 1954, No. 1—2, pp. 63—120, 42 figs., 16 tabs.)

Wool crimp can be defined by inflexion radius, wave length and wave line length. A relation was established between the inflexion radius, the wave length i.e. the ratio of the length of the wave line to the wave length, and the fibre diameter. The data characterizing the shape of the crimp are not permanent properties of the wool but vary with the change of the factors generally affecting swelling and shrinkage. Wool crimp is caused by the uneven, stratified distribution of the more oriented and the less oriented proteins, and by the bending force produced by the unequal shrinkage of the two layers at the dehydration taking place during the formation of the fibre. The changes in crimp are in direct proportion to the swelling of one layer and inversely proportional to that of the other layer. A state of swelling exists in which new bending forces of inverse direction are produced forming new inflexions. Such a state is generally reached while intensive motions are performed. Due to the motions the fibres become entangled. This spontaneous entanglement, resulting from the structure of the wool, is the primary condition of felting for the resulting loops and entanglements cause the resistance which impedes free movement.

DOBOZY, O. K.; LANG, L.; HORVATH, G.

Spectroscopic investigation of the dyeing mechanism of textile fabrics.
Magy textil 13 no.4:149-151 Ap '61.

DOBOZY, O. K.

Behavior of wool in the course of some partial processes of its treating. Magy textil 13 no.11:470-475 N '61.

1. Kozponti Kolorisztikai Kutato Laboratorium.

DOBOZY, Otto; LANG, Laszlo

Spectroscopic studies on the dyeing process of woven fabrics. Przegl
włókien 16 no.12:649-656 D '62.

1. Centralne Kolorystyczne Laboratorium Badawcze, Budapest (for Dobozy).
2. Katedra Chemii Fizycznej, Politechnika, Budapest (for Lang).

DOBOZY, Otto; LANG, Laszlo, kandidatus

Spectroscopic examination of the mechanism of dyeing textile fabrics. Kem tud kozl MTA 18 no.2:221-242 '62.

1. Kozponti Kolorisztikai Laboratorium, Budapest, es Muszaki Egyetem Fizikai Kemiai Tanszeke, Budapest.

DOBOZY, Otto; GUBA, Ferenc; MANDY, Tamas

Data on the properties of the copper complex of cystine. Magyar kem
folyoir 68 no.1:1-5 Ja '62.

1. Kozponti Kolorisztikai Kutato Intezet, Budapest (for Dobozy).
2. Budapesti Muszaki Egyetem Szerves-Kemiai-Technologiai Tanszeke;
Magyar Tudomanyos Akademia Muszaki Fizikai Kutato Intezete, Mikromorfo-
logiai Osztaly; Muszaki Egyetem Asvanykiesettani Tanszeke (for Guba and
Mandy).

(Copper) (Cystine) (Complex compounds)

DOBOZY, O.K.

New methods of studying the properties of wool and their utilization. Przegl włokien 17 no. 10:333-338 0 '63.

1. Central Coloristic Laboratory, Budapest.

DOBRO, J.; FENCL, J.; VERFEL, J.

"Geologic investigation on how to protect the rock wall beneath Orlik Castle."

CASOPIS PRO MINERALOGII A GEOLOGII., Praha, Czechoslovakia., Vol. 4, No. 1, 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclass

DOBRA, P., ing.

New technological processes in finishing works and some measures
to improve the quality of fabrics in cotton enterprises. Ind text
Rum 13 no.4:149-153 Ap '62.

DOBACHEV, V.F.

Feeding habits of long-eared owl in the Central Uralis. Ornithologia
no. 7:468 '65. (MIRA 18:10)

DOBRACHAYEVA, D.N.

In memory of Vera Nikolaevna Sarandinaki (1878-1963).
Bot.zhur. 50 no.2:272-274 F '65.

(MIRA 18:12)

1. Institut botaniki AN UkrSSR, Kiyev. Submitted December
26, 1963.

DOBACZYNSKI, Antoni, mgr inż.

New types of the main ship power plants. Bud okretow Warszawa
9 no.12:425-426, 427 D '64.

BAR-PRATKOWSKA, Jadwiga; NIEWIATOWSKA, Marta; DOBRACZYNSKA, Joanna

Use of epsilon-aminocaproic acid (EACA) in gynecology and
obstetrics. Ginek. pol. 35 no.1:81-86 Ja-F'64

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Warsza-
wie; kierownik: prof.dr.med. I.Roszkowski.

*

DOBRAZYNSKI, A.

"Plastics as Building Material", P. 233, (TECHNIKA MOTORYZACYJNA, Vol. 4,
No. 8, August 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (REAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

DOBRAZYNSKI, A.

"Methods of Testing Plastic Materials" (To Be Cont'd), P. 328, (MICHENIA
MOTORYZACYJNA, Vol. 4, No. 11, November 1954, Warsaw, Poland)

SG: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

DOBRACZYNSKI, AL.

TECHNOLOGY

DOBRACZYNSKI, AL. Technologia przetworstwa tloczyw termoutwardzalnych.
Warszawa, Panstwowe Wydawn, Techniczne. Vol. 2, 1956
NN Not in DIC

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 2,
Februury 1959, Unclass.

DOB RACZYŃSKI, A.

PHASE I BOOK EXPLOITATION POL/3268

15(8)

Bojarski, J., Master of Engineering; J. Brzeziński, Master of Engineering; I. Dobosz, Master of Engineering; A. Dobraczyński, Master of Engineering; Z. Hertz, Master of Engineering; J. Iskra, Master of Engineering; F. Kacprzak, Master of Engineering; Z. Kowalski, Master of Engineering; W. Łaskawski, Master of Engineering; J. Łoziński, Master of Engineering; J. Pochwalski, Docent, Doctor; T. Wiecheć, Master of Engineering; T. Wiśniewski, Master of Engineering; I. Zakrzewski, Master of Engineering; W. Zieliński, Master of Engineering; and H. Zowall, Scientific Coordinator, Master in Science

Co i jak produkować z tworzyw sztucznych (What Can Be Produced From Plastics and How) Warsaw, Państwowe Wyd-wo Techniczne, 1959. 413 p. (Series: Tworzywa sztuczne przetwórstwo i zastosowanie) Errata slip inserted. 5,253 copies printed.

Coordinator of the Work: J. Brzeziński, Master of Engineering; Reviewer: St. Chudzyński, Master of Engineering; Scientific Ed. of Publishing House: St. Pietras, Master of Engineering and

Card 1/8